

Winter 1983

# Rollins College Catalog Winter Term 1983

Rollins College

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# Winter Term

## 1983

Rollins College  
Winter Park, Florida







## THE ROLLINS COLLEGE WINTER TERM

During their course of study, Rollins students will have spent three out of four winter terms on campus. Rather than an interim, the four week term is meant to be the apex of the academic year. While fall and spring terms demand work for several courses from students and faculty alike, the winter term allows them the advantage of undivided attention to one academic theme.

Students may delve into a subject totally unrelated to their major, or they may focus on a particular area in their major field of study. January is not the time to fulfill general education requirements but rather to satisfy intellectual curiosity. This may occur in many different ways. On-campus learning will take place through lectures, seminars, independent studies and tutorials, all supported by readings, research and writing.

The strong academic emphasis during the winter term is complemented by many cultural and social events scheduled during January. Students are encouraged to participate in these extracurricular activities by attending plays, films, concerts and sporting events; the campus is a busy place during January.

There are many opportunities to participate in foreign study tours. Professors from several disciplines will teach on-site in England, Germany, Austria, Italy, China and Martinique, thus putting our students, after thorough academic preparation, in direct contact with the people of different cultures and value structures.

In the center of the academic year, the winter term provides the focal point of study to which the entire college community looks forward with anticipation.



## THE ROLLING CLOUDS WINTER TERM

The first of the winter term was a very busy one. I had a number of letters to write and a number of papers to read. I also had a number of lectures to give. I was very busy and did not have much time for myself. I was very tired when I went to bed at night. I was very happy to see the children and to hear from them. I was very glad to see the children and to hear from them. I was very glad to see the children and to hear from them.

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## WINTER TERM CALENDAR

### OCTOBER 1982

- 27 Deadline to submit winter and spring term independent study proposals (internships, tutorials, and research projects) to the faculty sponsor for departmental approval.

### NOVEMBER 1982

- 1-5 Advising for preregistration for winter and spring terms.

### DECEMBER 1982

- 4 Registration for winter and spring terms in Field House.

### JANUARY 1983

- 3 Winter Term begins
- 5 Reception for Colgate students, French House Lounge, 3-5 p.m.
- 5 Women's Basketball vs. U. of Southern Main, EAFH
- 6 Meditation Service, KMC, 12:30 p.m.
- 6 Guest Lecturers' Reception, Faculty Club, 3-5 p.m.
- 7 Film: Chariots of Fire, BUA, 7:30 p.m.
- 7 Sullivan Friday, SH
- 7 Women's Basketball vs. Quincy, EAFH
- 8 Women's Basketball vs. Bluefield State, EAFH
- 9 RCCS: Vermeer Quartet, ART, 4 p.m.
- 9 Rollins Cinema Society: 8½, BUA, 7 p.m.
- 10 Winter Term With the Writers: Adrienne Rich
- 13 Meditation Service, KMC, 12:30 p.m.
- 13 International Club Reception for Mark Macleod, Visiting Professor from Sydney, and David Jacobson, Visiting Professor from Dublin

- 14 Coffee House, SC, 9 p.m.  
Film: Only When I Laugh, BUA, 7:30 p.m.  
Men's and Women's Basketball vs. Eckerd, EAFH
- 15 Grandparents Weekend  
Film: Only When I Laugh, BUA, 7:30 p.m.  
Opening of Ringling Exhibit: Ancient Art from Cypress, COM
- 16 Music in the Chapel: David Fedor, organ, KMC, 8 p.m.
- 17 Winter Term with the Writers: Glenda Adams
- 18 Mr. Feinberg's presentation of gifts to Whitman Collection,  
Library Lawn, 3 p.m.
- 19 McCollough Lecture
- 20 Meditation Service, KMC, 12:30 p.m.
- 21 Film: A Stranger is Watching, BUA, 7:30 p.m.
- 22 Travelventure Film: A New Look at Greece, BUA, 2 & 8 p.m.  
Women's Basketball vs. Flagler, EAFH  
Fraternity Pledge Saturday
- 23 Friends of Music Recital: John Reardon
- 24 Winter Term with the Writers: Cindy Shearer
- 25 Men's Basketball vs. FIT, EAFH
- 26 Men's Tennis vs. St. Leo, TC, 2 p.m.
- 27 Meditation Service, KMC, 12:30 p.m.  
Play: The Physician in Spite of Himself, by Molière, ART, 8 p.m.
- 28 Film: The Warriors, BUA, 7:30 p.m.  
Play: The Physician in Spite of Himself, by Molière, ART, 8 p.m.  
Men's Basketball vs. St. Leo, EAFH  
WINTER TERM CLASSES END



## GUEST LECTURERS

Every winter Rollins College attracts outstanding scholars as guest lecturers which affords the students the opportunity to study under different professors from distant places without leaving their *alma mater*.

Special efforts are also made to bring, each winter term, instructors from Rollins overseas terms to the campus, thus strengthening curriculum of instruction in the ancillary programs.

During the 1983 Winter Term, the Rollins community welcomes the following guests:

**PETER BALAKIAN**, B.A., *cum laude*, with honors in American History, Bucknell University; M.A., New York University, New York; Ph.D., Brown University. The recipient of many honors and awards, Dr. Balakian has a long list of publications to his credit. He teaches English at Colgate University.

**ROBERT L. BLACKMORE**, B.A., M.A., Colgate University, Ph.D., Syracuse University. Dr. Blackmore is Professor of English at Colgate University and simultaneously the Director of the Colgate Press. His teaching specialties include poetry, Browning, Hardy and Powys, the latter is an active research interest of Dr. Blackmore's.

**VASSILY N. EFIMOV**, M.A., University of Bucharest. Mr. Efimov had to interrupt his Ph.D. research in Bucharest when his supervising professor defected to the West. His background in political science, philosophy and sociology eminently qualify him to teach on the power play the Soviets exert among the East European nations. While in Rumania, he extensively traveled these nations and his linguistic fluency in seven languages has greatly aided his research on current socio-economic and political problems in the East European nations.

**ROBERT FREEDMAN, JR.**, B.S., Boston University, M.A., University of Connecticut, Ph.D., Yale University. Dr. Freedman is Professor of Economics and chairs the Colgate Economics Department. His research interests center around urban economics and Karl Marx. His Marxian studies led Dr. Freedman to take an active interest in the economics of Yugoslavia.

**MARK WILLIAM MACLEOD**, B.A. (Honors), M.A. (Honors), Macquarie University, Sydney; a.b.d. University of Sydney. Mr. Macleod is lecturer in English at Macquarie University and a well-known literature and drama critic who also teaches Australian Literature in the Rollins Australia Term. A long list of publications stand to his credit, and he pays his second teaching visit to Rollins while on his way to Denmark, where he will spend his sabbatical in literary research. An excellent scholar and speaker, Prof. Macleod has been repeatedly invited to lecture tours to such faraway places as India.

**WILLIAM SPENCER**, A.B., Princeton University, A.M., Duke University, Ph.D., American University. A former Professor of Middle East, North African and Islamic history at Florida State University, Dr. Spencer has lived in the near and Middle East and written several books which combine his scholarly knowledge with practical experience. In his retirement Dr. Spencer keeps active as freelance writer, speaker, editorial and travel consultant.

**DANIEL E. WOODS** is Professor Emeritus of Classics and Archeology at Manhattanville College in Purchase, New York, and has been a Winter Term Visiting Professor at Rollins for the past six years. Professor Woods, an internationally known archeologist, has published several monographs on his excavations and is a leading authority on Greek and Roman Spain.

For the past 24 years, under the auspices of Manhattanville College and the W.L. Bryant Foundation, Professor Woods has directed excavations of the Roman colony of Pollentia on the Spanish island of Majorca. On the site this past summer, he, along with a group of colleagues and graduate students, uncovered roman houses, a porticoed street, and a early Christian cemetery of the 4th or 5th century A.D.



# GENERAL INFORMATION

## REGISTRATION PROCEDURE

A combined winter and spring term preregistration will be conducted from November 1 through November 5, with the final registration for both winter and spring terms in the Field House on Saturday, December 4. Students will receive a listing of newly opened sections and notification of any alterations to their original schedule. They may then drop and/or add classes for winter and spring terms. *Regardless of the nature of the study, each student is expected to devote a minimum of 40 hours per week to his or her academic work. No student may register for more than one course or independent study project during the winter term.* It is hoped that students will take full advantage of the Winter Term as an opportunity to explore a field in depth.

## WINTER TERM GRADING

Off-Campus Group Studies and Individual Off-Campus Projects are on a Credit/No Credit basis; however, if both, the student and the instructor agree, the study may be taken for a letter grade. In this case, the instructor simply forwards the letter grade to the Registrar at the end of the term without prior notification.

A winter term course taken on a Credit/No Credit basis is not counted toward the four such courses which may be taken in the fall or spring terms; however, it must be an elective. In order to earn credit, a student must achieve at least a C- average.

## GENERAL EDUCATION REQUIREMENTS

Courses which satisfy the general education requirements are designated by the appropriate area symbols within the course listings and course descriptions. The only general education requirements that can be satisfied during the winter term are Composition Reinforcement, designated by the symbol "R"; Quantitative Reasoning, designated by the symbol "Q"; Knowledge of Other Cultures, designated by the symbol "C"; The Natural World, designated by the symbol "N"; and Decision Making and Valuation, designated by the symbol "V".

## WINTER TERM 1983 — OFF-CAMPUS STUDIES

Although the tour concept is inherent, the experiences will involve much more than sight-seeing. Various academic requirements will have to be met, such as preliminary reading and preparation for on-site seminars.

Early registration for these courses is set for October 11-15. Students interested in any off-campus offerings should contact the instructor and discuss the itinerary, cost and academic goals. To register, one should pick up a card from the instructor and turn it in to the Registrar's Office. In the event that an off-campus course cannot be conducted, the registered student will be notified.

Off-campus group studies are on a CREDIT/NO CREDIT basis; however, if both the student and the instructor agree, the study may be taken for a letter

grade. In this case, the instructor simply forwards the letter grade to the Registrar at the end of the term without prior notification. A winter term

### **Independent Studies**

Three types of independent study are offered during the winter term: tutorials, research projects and internships. Students planning to take an independent study should pick up the appropriate form at the Registrar's Office and consult with the faculty member who will sponsor the project to determine its content. The completed forms for winter term independent studies must be approved by the faculty sponsor's department and forwarded to the Registrar by Friday, November 5th.

### **Rollins College / Colgate University Exchange**

For the sixth year, Rollins will conduct a winter term student exchange with Colgate University in Hamilton, New York. Under this agreement, Rollins students study at Colgate and Colgate students study at Rollins in equal numbers.

The limit on the number of students who can participate in this program is always based on available housing at Rollins College. Because of housing limitations, participants must agree to allow a Colgate student to stay in their rooms, and if a double room is involved, a written statement from the roommate agreeing to this arrangement must be furnished.

Applications for this program are accepted on a first-come-first-served basis, and all students in good academic standing are eligible. If interested, please contact the Office of the Assistant Dean of the Faculty (Special Programs) in Room 106, Warren Administration Building. Catalogues and application forms for the Colgate program are available. Because of the limited number of students who can participate in this program, participants should also carefully decide about the winter term course to be taken at Rollins in the event of non-acceptance into the Colgate program. Applications must be received in the Assistant Dean's Office NO LATER THAN OCTOBER 15th.

### **ENGINEERING COURSES AT WASHINGTON UNIVERSITY IN ST. LOUIS**

Through a cooperative agreement with the School of Engineering and Applied Science at Washington University in St. Louis, Missouri, pre-engineering students at Rollins College have the opportunity to enroll in 2-week intensive engineering courses on the Washington University campus. These courses are specifically designed for pre-engineering students attending colleges that participate in 3-2 agreements with Washington University. They allow students to explore and confirm interests in engineering and to sample the various engineering curricula. They also provide the students and faculty the opportunity to verify the student's ability to engineering and applied sciences.



Rollins will accept these three semester hour courses as equivalent to one Rollins winter term course. In addition, the student will earn credit which will make the completion of a degree in engineering at one of the 3-2 cooperative institutions easier. The cost will be for tuition, housing, and meals. The student should also allow for travel expenses and money for incidentals. Students who qualify for this program will receive a refund for that portion of their Rollins tuition which they have paid and a refund for a portion of their board fee. However, since the College must reserve rooms, we will not be able to refund any portion of the housing charge. In addition, Washington University at St. Louis will provide to deserving students a two-thirds tuition remission upon the recommendation of the faculty.

The four courses listed below will be offered for the January term. Each course will involve three lecture sessions and an independent study or laboratory each day. The student may take only one course during the winter term.

**Introduction to Chemical Engineering**

**Engineering Applied to Biomedical Problems**

**Engineering Mechanics I**

**Introduction to Systems Science and Mathematics I**

For detailed information on this program and application forms, students should see Dr. Donald Griffin, Coordinator of the 3-2 Engineering Program.

**DEADLINE FOR APPLICATION IS NOVEMBER 15, 1982.**

# Course Descriptions OFF-CAMPUS STUDY TOURS







## A 197 THE ART AND ARCHITECTURE OF RENAISSANCE ITALY

Pre-Req: None / Instructor: Prof. Robert Lemon / Office: CAC 103

The student will become reacquainted with the history of the beginnings of the modern Western world and its artifacts, through a reading program which focuses attention on the history of politics, philosophy, theology, and other cultural concerns; the student will then be encouraged to utilize that abstract knowledge in the context of the real environments from which the ideas and artifacts grew and are still manifest: in city planning, architecture, sculpture, painting, both as entities and in their manifold interrelationships.

**Means For Evaluation:** Grades will be based on: 1) the quality of student presentations; 2) the quality of notes and bibliography for the presentation; 3) three quizzes on the readings; and 4) quality and consistency of attendance on group tours.

**Class Meetings:** There will be one three-hour lecture session for pre-departure orientation. Proposed departure January 2, 1983, return January 31, 1983.

**Approximate Cost:** \$1,800

## BA 396 THE DEVELOPMENT OF AMERICAN LAW

Pre-Req: Junior Status / Instructor: Prof. Marvin E. Newman / Office: CR 310

The origin, growth and development of American law and American legal institutions with particular attention to its relationship to English law and to an examination of the similarities and differences in such current topics of national and international concern in both countries such as: crime and punishment, race relations, social issues, including family litigation, death and dying, role of regulatory agencies, abortion, sex discrimination, and the role of law in developing the economy and social structure and the place of lawyers, judges, and the judicial machinery in American and British society, from early times to the present.

**Means For Evaluation:** Attendance at all lectures and all field trips. Examination based upon lectures, discussions, and assigned readings. Thorough reading and preparation of both books assigned in the course, meaningful participation in class discussion, and performance on tests which reflect the materials in these books. Preparation of case studies and meaningful oral participation in class discussions.

**Class Meetings:** Jan. 3-11, M-Th, 6-7:30 p.m.; Jan. 12-22 London, field trips. On Rollins campus. Jan. 25/26, 6-7:30 p.m.; and field trips in the Orlando area Jan. 27/28; final examination Jan. 31, 6-7:30 p.m.

**Approximate Cost:** \$1,150

## EC 380 ECONOMIC GROWTH AND PRODUCTIVITY IN GREAT BRITAIN

Pre-Req: One Principles of Economics Course / Instructor: Prof. Donald W. Hill / Office: CR 115

A seminar study of Government, Management, and Union policies and their effects on British economic growth and development. The objectives of the course are to learn first hand the philosophies, policies, and contributions to economic growth and development of the major institutions within Great Britain and to give students the opportunity to question representative officials of these institutions.

**Means For Evaluation:** Outline for the research paper and attendance at orientation sessions (25%) in December; seminar participation (25%) in Britain, lectures and use of library facilities and other resources there, together with student interviews of officials; and completed research paper (50%) based on selections from the reading list, interviews and experiences will be included in the grade.

**Class Meetings:** Orientation sessions during Spring and Fall term; research paper planning in December.

**First Session:** (Tentatively) January 3-27, 1983

**Approximate Cost:** TBA

## FR 250/450 A LA MARTINIQUE

Pre-Req: FR 101, or consent of Instructor / Instructor: Prof. Richard A. Lima / Office: Hauck 208

Like all Caribbean islands colonized by European powers, la Martinique has evolved its own customs, traditions and creole language that continue to exist alongside its French heritage. Students will be encouraged to discover and document the island's uniqueness through their selection of study projects. Interviews with local inhabitants, of students and artists, of waiters and politicians, will be initiated by, and required of, all students to give each an overall awareness and understanding of la Martinique. Daily lectures will be scheduled; guided tours will be arranged to points of interest. This is a five-credit course, graded on the basis of pass/fail.

**Means For Evaluation:** Grades of pass/fail will be based on attendance at lectures and participation in scheduled tours and group activities, and on the completion of study projects. These reports will be regularly reviewed during our visit, and finalized at the end of the winter term. Students must hand in their studies on the last day of the term to receive credit. French majors and minors may write their reports in French, if they are to receive credit for the 300- or 400- level.

**Class Meetings:** Three orientation sessions: mid-October, early November, and early December. In la Martinique classes will be held in the mornings; student interviews in the afternoons and on some weekends. Two four-hour sessions will be scheduled; one at the end of the first week; the second towards the end of the third week, to discuss and evaluate the progress of the projects selected by the students.

**First Session:** TBA

**Approximate Cost:** \$1200



## GN 282 THE CULTURAL AND ECONOMIC ENVIRONMENT OF MUNICH AND VIENNA

Pre-Req: At least proficiency through GN 101 for German Language; none for German Culture / Instructor: Prof. Peter Bonnell / Office: Hauck 206

The objectives of this winter term group study are (1) To provide opportunity for German language students to improve their language skills through conversation with native speakers, exposure to language of daily communications media and attendance at theatrical performances and cultural events; (2) To study the cultural and economic life of Munich and Vienna through participation in on-site seminars on history and political development, the visual arts, literature and theater, and the economy.

All students will participate in two seminars in each of the two cities as well as in guided visits to cultural, historical, and industrial sites. Seminars will involve group presentations and discussions. They will center on the cultural and economic aspects of the two cities.

**Means For Evaluation:** Written and graded test at the beginning of the course, covering background material assigned for reading prior to going overseas. Students will manifest their special field of interest by signing a contract in which is described how they will prepare their project. The course will be credit/no credit, except for those students completing the term paper in the German language for a letter grade.

**Class Meetings:** Depart JFK, New York - January 3, 1983 / Arrive, New York - January 24, 1983 / Writing term paper on campus January 24, 1983 to January 28, 1983

**First Session:** TBA

**Approximate Cost:** \$1400.

## H 294 EDUCATIONAL POLICY IN THE PEOPLE'S REPUBLIC OF CHINA, 1983

Pre-Req: None / Instructor: Prof. Charles M. Edmondson / Office: KN 109

Because the Chinese Communist Party designated educational policy as the "main pillar" of its modernization program in 1980, educational policy and practice will be the thematic focus of our activities while in China, both through classroom instruction and visitation of several types and levels of Chinese schools. Students will be required to complete a series of readings on Chinese education and its role in the development of Chinese society and to submit a series of essays on particular aspects of that topic. Students will also deepen their understanding of the culture and history of China through formal lectures on art and history from Chinese experts, guided excursions to archaeological sites and museums, attendance at major cultural and recreational events, and individual encounters with daily life in contemporary China.

**Means For Evaluation:** Submission of a series of essays on specific aspects of Chinese education policy and the assigned role of that policy in developing Chinese society. Students will be required to attend and participate in all scheduled classes and activities. Each requirement will represent 50% of the course grade.



**Class Meetings:** Specific reading program and orientation sessions prior to departure.

**Dates:** TBA

**First Session:** TBA

**Approximate Cost:** \$2,400

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**Notes and Addenda:**



## Course Descriptions DEPARTMENTAL OFFERINGS









## ANTHROPOLOGY-SOCIOLOGY

### AS 190 PEACE STUDIES

Pre-Req: None / Instructor: Prof. John Weiss / Office: KN 104

The latest round of protest over the Nuclear Arms Race has once again brought into sharp focus just how near the human race is to committing suicide. This course will look at the arms race between the super powers, examine current Soviet and American military policies and study the issues involved in a nuclear war between Russia and the U.S. Questions about the changing nature of warfare, and the nature of the relationship between the U.S. and the rest of the world will be raised. The major concern, and the focus of this course, will be on those changes that would have to be made in order to create a lasting and stable peace.

**Means For Evaluation:** Attendance will be required at **ALL** classes and media presentations. There will be approximately 8 books and numerous articles to be read, there will also be two oral examinations and a short position paper at the end of the course.

**Class Limit:** 20

**Class Meetings:** Class will meet four days per week, 9-12 and 1-3.

**First Session:** 9:00 Monday, in Knowles 111

### AS 290 THE OTHER SIDE OF CHILDHOOD: A SOCIOLOGICAL PERSPECTIVE

Pre-Req: Consent / Instructor: Prof. Arthur Jones / Office: KN 214

Images of childhood reflected in popular culture do not conform to actual conditions and experiences of children and adolescents. The bulk of traditional professional literature on child development is naive, if technically accurate, in failing to examine these important early years from the point-of-view of the child or adolescent person. The evidence of direct or subtle mistreatment of children by adults and in social institutions, is broad and compelling. This evidence will be examined with the purpose to come to an alternative understanding of the experience of children and adolescents. The objective of looking at the "other side of childhood" is to restore a balanced view about what happens in these important years by examining information conveniently swept under the social carpet by too many authorities, officials, teachers, parents, and strangers.

**Means For Evaluation:** Tests on course reading materials; a research paper; and contributions to class sessions.

**Class Limit:** 15

**Class Meetings:** Classes will meet MWF, 9-12. Students must have a flexible schedule for field trips and other assignments outside class.

**First Session:** 9:00 Monday, Knowles 207

### **AS 294 MESOAMERICAN ANTHROPOLOGY: THE MAYA (C)**

Pre-Req: Consent / Instructor: Prof. Pedro Pequeno / Office: KN Loft

An introduction to the archaeology, ethnohistory, and social anthropology of the Maya Indians of the Reps. of Mexico, Guatemala, and Honduras, from Pre-Hispanic times to the present. Some of the topics to be discussed include: the rise, growth, and fall of Pre-Columbian Maya civilization; Maya history during colonial (Hispanic) times; the social anthropology of the Maya area since the work done by Robert Redfield, in the 1930's.

**Means For Evaluation:** Two 2-hour long essay exams, a number of homework assignments and two written reports/analytical critiques. Course is open to all students (freshmen included).

**Class Limit:** 25

**Class Meetings:** Monday-Thursday, 9-12. *(There will be an extra class on two Fridays in order to cover for Jan. 27/28 when Prof. Pequeno offers an optional field trip in Mexico. For further information, contact the instructor.)*

**First Session:** 9:00 Monday in Knowles 207.

### **AS 310 THE SOCIOLOGY OF THE OCCULT: AN ANALYSIS OF THE WORKS OF CARLOS CASTANEDA**

Pre-Req: None / Instructor: Prof. Lynda Glennon / Office: KN 203

An examination of the realm of the occult (magic, sorcery, spiritualism, etc.) using sociology of knowledge insights. The major focus will be on the six works of Carlos Castañeda and on the social scientific commentaries which have addressed his work.

**Means for Evaluation:** Oral reports on readings and on field trip notes; a mid-term and a final examination.

**Class Limit:** 20

**Class Meetings:** Classes will meet Monday through Thursday, 10-1. Field trips to such places as Cassadega and guest speakers will be scheduled all day Friday.

**First Session:** 10:00, Monday, January 3, 1983 in KN 208

### **AS 393 PEOPLE WATCHING: A STUDY IN ETHOLOGY**

Pre-Req: Consent / Instructor: Prof. Carol Lauer / Office: KN 207

Based on readings about the evolution of primate behavior, students will learn to interpret human behavior through observation. Comparative data will be presented on the social behavior of monkeys, apes and other selected mammals, to demonstrate the similarities between the evolution and organization of their societies. Students will learn about the methodologies used by ethologists and apply these to a group of human subjects. Emphasis will be placed on analyzing patterns of non-verbal communication.



**Means for Evaluation:** Weekly tests and a cumulative final. Students will also keep diary style notes from their field project, write an analysis and conclusion drawn from these notes.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 1-3:00 and all day Friday

**First Session:** 1:00 p.m., Monday, January 3, 1983 in KN 111

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**Notes and Addenda:**

# ART

## A 291 AMERICAN FOLK ART

Pre-Req: None / Instructor: Prof. Hallie Lu Hallam / Office: Cornell 116

Folk Art is, generally, that art produced by untrained, amateur painters, carvers and craftsmen. Varying in degree from the naive, the awkward to the superb, it is important, beyond its artistic value, as a reflection of the needs, spirit, humor and heritage of America from colonial times to the present.

Examples of a variety of folk works will be shown (slides and actual pieces) and discussed to lead the student to appreciate the art for its own charm, aesthetic merit, and as a reflection of its culture.

**Means For Evaluation:** Classes will meet on a regular basis during the term. Outside work will include the completion of brief research questions, a research paper based upon a folk art genre of the student's choosing and a creative project (painting, quilted square, carving, sampler, etc.) also of the student's choosing. Evaluation will be based upon class participation and the assignments.

**Class Limit:** 15

**Class Meetings:** Monday-Thursday, 1:00 with sessions varying between 1-2 hours as material dictates.

**First Session:** 1:00, Monday, Cornell 116

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*In the event the trip to Italy cannot be conducted, the following  
ALTERNATE COURSE  
will be taught*

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## A 294 INDIAN CULTURE AND ART OF THE SOUTH-EASTERN UNITED STATES (C)

Pre-Req: Sophomores and above / Instructor: Prof. Robert Lemon / Office: Cornell 103

The culture and arts of the Indians of the Southeastern United States will be the focus of this study. The region includes Georgia, Florida, South Carolina, Alabama, Mississippi, Louisiana, portions of Arkansas, Tennessee, North Carolina, with segments of a few other states as the modern map designates this region of our continent. The course material will cover pre-historic and post-contact native American arts and architecture; utilitarian and ceremonial artifacts will be considered.

Special attention will be given to Florida Indians, both indigenous and emigrant populations. A 3-day field trip will be made to visit Miccosukee and Seminole reservations as well as view art collections in the Miami area. The course will acquaint students with native American art in slide lecture and discussion, academic research projects, and field experience.



**Class Limit:** 20

**Means of Evaluation:** There will be two quizzes and a final examination to test students on the reading assignments. Students will be asked to give brief, informal presentations to the class, and there will be a term paper.

**Class Meetings:** Monday-Thursday, 9:00-12:00

**First Session:** 9:00, Monday in Cornell 113

## **A 296 INSTANT IMAGE, POLAROID PHOTOGRAPHY AS AN ART FORM**

**Pre-Req:** None / **Instructor:** Prof. Ronald Larned / **Office:** Cornell 101A

Polaroid photography as an art medium offers some unique advantages for creative expression. The quality of instant feedback of image and the reduction of technical considerations of darkroom work allow for concentration on visualization and conceptualization of subject matter. Course study will utilize these advantages and concentrate on the creative aspects of photography.

Areas to be covered will be basic camera operation, film characteristics of both color and b&w polaroid film, visualization and image control in studio and field. The course will include group field trips for landscape study.

**Means For Evaluation:** Weekly projects: 40% of grade; tests of readings and discussions: 30% of grade; and final matted portfolio: 30% of grade.

**Class Limit:** 15

**Class Meetings:** 8 hours per week

**First Session:** 9:00, Monday in Cornell 110

## **A 297 LATE ANTIQUE AND EARLY CHRISTIAN ART**

**Pre-Req:** None / **Guest Instructor:** Prof. Daniel E. Woods / **Office:** Cornell 103

A study of the Late Roman World (East and West) as it becomes Christian by means of a study of its architecture, sculpture, painting, mosaics, manuscripts from the time of Trojan's Column to the Carolingian Revival. Study of the theories of Wickhoff, Aiegl, Shayzkowski, Morey, etc. A critical examination of the Ancient World from the Age of Constantine (4th Century) to the Age of Charlemagne (9th Century).

**Means For Evaluation:** Research paper on a selected topic chosen by the student after consultation with the Professor. Oral report of selected research topic. Final slide examination.

**Class Limit:** 18

**Class Meetings:** Monday, Wednesday, and Friday, 9-11.

**First Session:** 9:00, Monday in Cornell

## A 391 METHODS OF THE MASTERS

Pre-Req: A 131 or 231 or 222 & Consent / Instructor: Prof. Thomas Peterson  
/ Office: Cornell 107

Learning from established masters of the past has long been an important part of the artist's training. Even an age as conscious of the moment as ours makes concessions to the past and draws fresh insights from a vast reservoir of accumulated knowledge and experience. The past is continuously relevant to the student of art. It is his good fortune that art is essentially a human rather than a mechanical activity and thus escapes the modern-day dependency on Progress.

The objective of this course will be to help the student discover some of the unchanging principles in art, while gaining insight into specific methods of artists from different periods.

**Means For Evaluation:** Evaluation will be based on comprehension of the material as presented through reading, discussion and studio experiences, and specifically on the student's ability to present visual evidence of his comprehension in the form of graphic and color analysis of a range in complexity from analytical sketches to finished color work. Evaluation will be based largely on the quality of a portfolio consisting of about twelve plates.

**Class Limit:** 12

**Class Meetings:** Monday-Thursday, 10-1; 8 hours, reading; 16 hours, outside project work; and 4 hours, conferences.

**First Session:** Monday, 10:00 in Cornell 111.

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Notes and Addenda:



# BIOLOGY

## B 290 HUMAN DEVELOPMENT BIOLOGY (N)

Pre-Req: Sophomore status or above / Instructor: Prof: Stephen Klemann / Office: BU 220

The development of the human organism intrigues us as vested participants attempting to understand how it is possible to have begun as single cells and end as aged individuals. This course provides an understanding of human development from a biological perspective. It examines the physiological processes of reproduction, pregnancy and parturition. It explores development from fertilization and early embryonic development through birth to maturity and finally senescence. congenital abnormalities, their bases in genetics and the environment, and the role and limitations of genetic counseling will be discussed. Designed for the serious and motivated student and is suitable for non-science majors. A laboratory accompanies the course.

**Means For Evaluation:** Two examinations, discussion, laboratory participation, and one laboratory practical examination.

**Class Limit:** 12

**Class Meetings:** Monday-Friday, 10-12 (lecture), Monday, Wednesday, Friday, 2-5 (laboratory).

**First Session:** 10:00, Monday in BU 210

## B 391 VERTEBRATE HISTOLOGY AND MICROTECHNIQUE

Pre-Req: 1 year of General Biology / Instructor: Prof. James Small / Office: BU 209

A discussion of the structure and function of vertebrate cells and tissues in the laboratory environment. The course involves microscopic examination of selected tissues and the preparation of microscope slides. Students who complete the course should have a good understanding of the field of vertebrate histology and be able to prepare microscopic slides.

**Means for Evaluation:** The grade will be based on three tests (which include a practical portion), quality of microscope slides made by the student, and a final oral presentation.

**Class Limit:** 14

**Class Meetings:** Monday, Tuesday, Thursday and Friday, 9-12.

**First Session:** 9:00, Monday in Bush 204.

## PH-B245 BIOETHICS: MAKING, SAVING, AND TAKING LIFE (V)

Pre-Req: None / Instructor: Prof. Persis Coleman & Prof. Sara Ketchum / Office: BU 213 and FH 313

The center of discussion will be the ethics and biology of life-and-death problems raised by our present technical abilities in altering the natural

composition of human populations. The instructors will present working paradigms in ethics and biology and the students will be responsible for integrating the material. Students successfully completing this course will know principles and particulars of genetics; basic relevant principles, arguments and considerations in ethics; and also have the skills to integrate these disciplines, to evaluate and make decisions. In addition they will be aware of our current and possible future practices in altering the course of human life.

**Means for Evaluation:** Performance on quizzes and a final and participation in group paper, presentations, and case studies.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 10-12 and group meetings as arranged.

**First Session:** 10:00, Monday in Orlando, BU 207

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**Notes and Addenda:**



# BUSINESS STUDIES

## BA 308 INVESTMENTS

Pre-Req: No Freshmen. Jrs. & Srs. preferred / Instructor: Prof. A. Ross Evans / Office: CR 117

A study of investments in stocks and bonds. However, some emphasis is given to other forms of investments, especially real estate. Course objectives are as follows: to build a financial and investment vocabulary; to provide inquiry into business problems and current trends; to read financial statements intelligently; and to better understand the working of our capitalistic economy, the political philosophy of the times, and the future trends of the economy and their effects on business.

**Class Limit:** 30

**Means for Evaluation:** Three or more tests; three or more special written reports, class discussions.

**Class Meetings:** Monday - Friday, 8:30-10:30 a.m.

**First Session:** 8:30 a.m., Monday in Crummer 117.

## BA 380 EXECUTIVE SIMULATION

Pre-Req: Consent / Instructor: Prof. Roy Meadows / Office: CR 308

Students are provided with an opportunity to play the role of business executives in a simulated firm. The class will be divided into management teams competing against one another in the manufacturing and marketing of the product. Two business and two non-business majors will be combined on each team, so students without business backgrounds are encouraged to enroll. Although the simulation is conducted through a computer, no knowledge of computer programming is required. Enrollment is limited to 10 business majors and 10 non-business majors.

**Means for Evaluation:** 1) Performance in game simulation, 2) preparation of documents supporting the production, marketing and financial decisions made during the simulation; and 3) homework assignments or tests designed to gauge the improvement in the student's knowledge about business operations.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 10-12.

**First Session:** 10:00, Monday in CR 317.

## BA 381 ACCOUNTING & SOCIETY

Pre-Req: Jr. status non-business majors and consent. Business students who have taken BA 325 or BA 326 will not be admitted. / Prof. Bill H. West / Office: CR 109

Designed for students of all disciplines. A brief history of accounting will be presented, as well as its future and how it can assist with the problems and

challenges of social change. Elementary concepts of accounting will be explained, but only as necessary for a basic understanding of financial statements. Basic federal income taxation and investment analysis will be discussed. This course will not teach accounting or bookkeeping but will afford a proper perspective as to **why** accounting information is presented. It will be especially useful to those students who intend to pursue graduate study in business, but who have had no previous exposure to accounting. It should also be valuable to those students who simply want to understand financial reporting and information available to corporate investors.

**Means of Evaluation:** Two examinations, pop quizzes, research paper-/presentation (optional), class participation and homework assignments.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-11

**First Session:** 9:00, Monday in CR 221.

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*In the event the trip to London cannot be conducted, the following  
**ALTERNATE COURSES**  
will be taught.*

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## **BA 382 LANDMARK CASES: A STUDY OF SOCIAL FORCES AND THE DEVELOPMENT OF THE LAW**

Pre-Req: Jr. status / Instructor: Prof. Marvin E. Newman / Office: CR 310

A study of landmark cases from the Salem Witchcraft trials and including such famous cases as the Lindbergh kidnapping, Sacco-Vanzetti, the Rosenberg spy case, Alger Hiss, Sirhan-Sirhan, Leopold and Loeb, Philip Berrigan, the trial of Adolf Eichmann, the Nuremberg trials, Patricia Hearst, and John Hinckley with emphasis on the effect of social forces on the origin and development of American law. Objectives: 1) To gain an understanding of those social forces which shape both the origin and development of law in America. 2) To analyze and interrelate to each other significant cases from earlier times to more recent times and to gain an understanding and appreciation of the importance of historical and political influence in making law.

**Means of Evaluation:** Two examinations and class participation. Critical analysis of recent cases studied on an individual basis and in consultation with instructor.

**Class Limit:** 20

**Class Meetings:** Week of Jan. 3-10: M-Th, 4-6:30; Week of Jan. 17: M-F, students will be engaged in independent research but will be required to attend group meetings with the instructor on Monday and Wednesday or Tuesday and Thursday from 4-6 on both days. Week of Jan. 24: M-Th, 4-5; Friday, Jan. 28: Examination: 4-6.

**First Session:** 4:00, Monday in Crummer 213.



## **BA 392 ACCOUNTING FOR NON-BUSINESS MAJORS**

Pre-Req: Jr. status. Not for students who have taken financial or managerial accounting. / Instructor: Prof. John McCall / Office: CR 110

An intensive study of accounting theory as applied in the business world, without all of the detail of debits and credits. An emphasis will be placed upon the role of accounting data in the managerial decision making process

**Means for Evaluation:** Homework will be assigned on a frequent basis. Such assignments will require reading of current accounting topics with either a verbal or written report being presented. Reinforcement of writing skills will be required, and solving of accounting problems will be kept to a minimum. Student participation will be one of the major determinants of the final grade, as well as weekly tests covering material discussed during the week.

**Class Limit:** 15

**Class Meetings:** Class will meet three hours per day, two days per week.

**First Session:** 9:00, Monday in Crummer 220.

## **BA 393 ETHICS AND SOCIAL RESPONSIBILITY, A BUSINESS PERSPECTIVE (V)**

Pre-Req: Jrs. & Srs. prefer business students/ Instructor: Prof. W. J. Hepburn & Father Joseph Calderone / Office: CR 210

Case studies of the changing environment of American business. Main emphasis will be given to the social responsibility of business. Topics covered: consumerism, ethical problems relating to business, values in our changing society, government regulations, and ethical problems in international business relationships.

**Means for Evaluation:** Tests, oral presentations, homework cases, and short research paper.

**Class Limit:** 40

**Class Meetings:** Monday - Thursday, 9-11:30

**First Session:** 9:00, Monday in Crummer 222

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**Notes and Addenda:**

# CHEMISTRY

## C 219 CHEMICAL SYNTHESIS AND ANALYSIS

Pre-Req: C 120 or Instructor's consent / Instructor: Prof. Larry Eng-Wilmot / Office: B 314

The limits of modern inorganic chemistry are becoming ill-defined; they may range from the foundations of physical and organic chemistry to the edges of theoretical physics and molecular biology. This course, designed for the beginning student of chemistry, offers a unique lecture-laboratory experience for the development of a working understanding of the principles governing the synthesis, reactivity and structure analysis of "inorganic" molecules. Lecture-study will include thermo-dynamic and kinetic treatments of chemical equilibria, reaction kinetics and mechanisms, modern bonding theories and chemical and spectroscopic methods of analysis. The laboratory will emphasize skills and techniques in the synthesis, structure characterization and analysis of a number of interesting inorganic coordination compounds.

**Means for Evaluation:** Two 1-hour examinations, final examination, weekly quizzes, laboratory reports and performance.

**Class Limit:** 10

**Class Meetings:** Monday, Wednesday, and Friday, 9-11. Laboratories will meet Tuesday and Thursday, 9-12 and 2-5.

**First Session:** 9:00, Monday in Bush 303.

## C 298 DARKROOM PHOTOGRAPHY

Pre-Req: Basic knowledge of photography with some darkroom experience and some knowledge of fundamentals of chemistry. Consent. / Instructor: Prof. Erich Blossey / Office: B 313

An intensive course designed to provide an understanding and manipulation of the basic chemistry involved in photographic solutions. The chemical and physical properties of both black and white and color developers, bleaches, toners, fixers, and films will be examined. A major portion of the course will be directed toward experience in the darkroom and chemical laboratory. The course requires some knowledge of the darkroom and a basic understanding of chemistry.

**Means for Evaluation:** Evaluation procedure will include: quizzes, portfolios of darkroom work, laboratory notebook and a final examination.

**Class Limit:** 12

**Class Meetings:** Monday, Wednesday, and Friday, 10-12 with ten minimum hours of laboratory-darkroom work per week.

**First Session:** 10:00, Monday in Bush 308.



# COMPUTER SCIENCE

## CS 150 INTRODUCTION TO COMPUTING (Q)

Pre-Req: None / Instructor: Prof. Gloria Child (01) & Prof. Herbert Hellwege (02) / Office: BU 330 & BU 317

An introduction to computer solutions of problems in non-science fields. Course topics include a thorough discussion of a computer language (BASIC), simple logic in writing programs, and the capabilities of computers including word processing.

**Means for Evaluation:** Tests, quizzes, writing computer programs and a final examination.

**Class Limit:** 25 each section

**Class Meetings:** (01) Monday, Tuesday, Thursday and Friday, 9-11:30  
(02) Monday, Tuesday, Thursday and Friday, 9-11:30

**First Session:** (01) 9:00, Monday in Bush 326  
(02) 9:00, Monday in Bush 108.

## CS 160 INTRODUCTION TO COMPUTING SCIENCE

Pre-Req: Science & Math majors. No students who have already taken CS 150. / Instructor: Prof. Alexandra Skidmore / Office: BU 329D

An introduction to computer solutions of problems, with emphasis on scientific problems. Course topics include a thorough discussion of a computer language (BASIC), simple logic in writing programs, and the capabilities of computers, including word processing.

**Means for Evaluation:** Three or four tests and approximately 10 short computer assignments.

**Class Limit:** 25

**Class Meetings:** Monday - Friday, 9-12 for 4 weeks.

**First Session:** 9:00, Monday in Bush 114.

## CS 398 LISP - AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE PROGRAMMING

Pre-Req: CS 261 or CS 360 / Instructor: Prof. J. Douglas Child / Office: BU 329B

The main objective of this course is to teach students a new way to think about solving problems using a computer. The learning of LISP computer language is the means by which this objective will be met. Since LISP is main language used for artificial intelligence, the course will also present a brief introduction to this discipline.

**Means for Evaluation:** Grades will be determined by the quality and quantity of computer exercises and projects completed.

**Class Limit:** 10

**Class Meetings:** Monday, Wednesday, Friday, 10-12 for two weeks. As needed thereafter.

**First Session:** 10:00, Monday in Bush 327.

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**Notes and Addenda:**



# ECONOMICS

## EC 190 ITALY: ECONOMY AND CULTURE

Pre-Req: Designed for freshman; will not count toward Economics curriculum / Instructor: Prof. Camille Castorina / Office: CR 108

With an interdisciplinary basis, Italy's past and present economy will be used as a focal point for discussions of cultural development. Emphasis will be placed on the following periods: Ancient Rome; the 12th century Renaissance; the later Renaissance; the 19th century unification (Risorgimento) and current trends. Guest lecturers will also participate.

**Means for Evaluation:** Two written examinations on lecture notes and reading assignments, and 1-2 papers.

**Class Meetings:** Tuesday - Thursday, 1-4

**First Session:** Tuesday, 1:00 p.m. in Crummer 222.

## EC 215 MARXIST ECONOMIC ANALYSIS OF CAPITALISM

Pre-Req: None / Guest Instructor: Prof. Robert Freedman (COLGATE) / Office: PAB

A study of Marxist thought including theory of alienation, theory of social classes, theory of social change and his theory of capitalist development. The emphasis of the course will be on Marxist economic analysis of capitalism.

**Means For Evaluation:** A mid-term and final examination.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 1-3:30 p.m.

**First Session:** 1:00 p.m., Monday, January 3, 1983 in CR 221

## EC 280 INTERNATIONAL ECONOMIC INTEGRATION AND THE EEC

Pre-Req: EC 211 / Guest Instructor: Prof. David S. Jacobson (DUBLIN) / Office: BU 217

A number of concepts will be developed to help in differentiating between different levels of economic integration and to facilitate some evaluation of the costs and benefits of integration. Illustrations will be drawn from the European experience. The aim of the course is to provide students with an understanding of how and why different groups of countries might attempt to integrate economically. It also aims to provide the knowledge of how and why the members of the European community have in fact attempted such integration and what the results to date of these attempts have been.

**Means of Evaluation:** Tests, final examination, class presentation, research paper.

**Class Limit:** 30

**Class Meetings:** 9:30-12:00 M-Th.

**First Session:** 9:30, Monday in CR 316

## EC 411 INTRODUCTION TO MATHEMATICAL ECONOMICS

Pre-Req: Sr. status or consent, M110, EC221, EC303, or EC304 / Instructor: Prof. Wayne Hales / Office: CR 224

Selected mathematical tools from linear algebra, the calculus, and difference equations applied to the analysis of economic theories and problems. Major topics include consumer choice, production, general equilibrium, economic growth, and macroeconomic models.

**Means for Evaluation:** Tests, homework assignments, written reports, research paper.

**Class Limit:** 12

**Class Meetings:** Monday - Friday, 2 hours per day.

**First Session:** 9:00, Monday in CR 316.

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*In the event the trip to London cannot be conducted, the following  
**ALTERNATE COURSE**  
will be taught*

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## EC 382 GOVERNMENT, LABOR, MANAGEMENT INFLUENCES ON BRITISH ECONOMIC GROWTH

Pre-Req: EC 211-212 / Instructor: Prof. Donald Hill / Office: CR 115

An intensive seminar on British Economic Development and Growth and the institutions (government, labor unions and management) influences on this growth. The main objective is to determine how these institutions affected past economic development and growth of Great Britain through their policies, activities, and decisions and predictions of future growth trends. Extensive library reading and research will be undertaken and will form the subject matter of each seminar session. A formal research paper is required to be discussed at the end of the term.

**Means for Evaluation:** Daily seminar participation and discussion of research findings, a formal research paper.

**Class Limit:** 20

**Class Meetings:** Monday-Friday, 9-11:30. Wednesdays & Fridays - reporting on research findings.

**First Session:** 9:00, Monday in CR 213.



# EDUCATION

## **ED 280 HIGH SCHOOL SPORTS: CONTEMPORARY ISSUES**

Pre-Req: None / Instructor: Prof. Deloit Cotanche / Office: PAB 7

Students will become acquainted with some of the current problems facing high school athletic programs. The course will investigate current practices in public schools with respect to 1) staffing of athletic programs, 2) scope of athletic activities and 3) myths and realities with respect to secondary school sports programs.

**Means for Evaluation:** Students will be required to write a research paper and successfully complete a series of examinations.

**Class Limit:** 30

**Class Meetings:** Four days per week, 10-12. Students will make a series of visits to public schools.

**First Session:** 10:00, Monday in PAB 5.

## **ED 291 DIRECTED OBSERVATION AND FIELD EXPERIENCE - REGULAR**

Pre-Req: Education major / Instructor: Prof. Linda DeTure / Office: PAB 8

An opportunity for students interested in teaching to gain an insight into the education process as it exists in the schools. The course consists of two components: 1) Directed observation and field experience, which requires the student to spend four hours daily in an assigned school; 2) Development and practice of specific skills in the following areas: Communication Skills, Analyzing Classroom Verbal Interaction, Classroom Management, Analyzing Classroom Leadership Styles, Writing Behavioral Objectives, Developing Lesson Plans. An additional 4 hours per week beyond the field experience time is required. The course is open to freshmen, sophomores, and juniors.

**Means for Evaluation:** Daily log; preparation of lesson plans; analysis of a lesson presented; attendance and participation in field assigned school; attendance and participation in class activities; demonstration of competency in skills.

**Class Limit:** 20

**Class Meetings:** Required orientation meeting: 4:30, Tuesday, Dec. 14 at PAB 15

**First Session:** 9:00, Monday in PAB 15.

## **ED 295 DIRECTED OBSERVATION AND FIELD EXPERIENCE — EARLY CHILDHOOD**

Pre-Req: None / Instructor: Prof. Robert Schirmmacher / Office: PAB 6

The young child will be studied from a variety of theoretical frameworks and within different environments. Students will observe and work with young

children in a variety of early childhood settings including; day care, pre-school, a Montessori center and a pediatric ward.

**Means for Evaluation:** A journal, curricular projects or activities, as well as quality of participation both in class and out in the field will constitute student evaluation.

**Class Limit:** 15

**Class Meetings:** Tuesday & Thursday, 1-5; Field assignments: Monday-Friday

**First Session:** 1:00, Tuesday January 4, 1983 in PAB 15.

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**Notes and Addenda:**



# ENGLISH

## E 264 HOLOCAUST LITERATURE

Pre-Req: None / Instructor: Prof. Judith Tarver / Office: OR 111

*"Not to transmit an experience is to betray it."* - Elie Wiesel

Just as the Holocaust writers have the pressing responsibility "to transmit an experience," we, the readers, have an obligation to know, for in the end "awareness is our only means of touching the Holocaust," and to fail to know, as Wiesel tells us, is an act of betrayal. The course explores the impact of the literary responses to the Holocaust on twentieth century literature.

**Means for Evaluation:** Journal (20 entries - specific topics will often be assigned); oral presentation; one paper, and final examination.

**Class Limit:** 25

**Class Meetings:** MWTh 9-12

**First Session:** 9:00, Monday in PAB 10

## E 265 THE HISTORICAL DEVELOPMENT OF AUSTRALIAN FILM

Pre-Req: None / Guest Instructor: Prof. Mark Macleod  
(MACQUARIE UNIVERSITY, AUSTRALIA) / Office: ART 102

At International film festivals more and more Australian films garner awards. During the course of study students will investigate why this phenomenon has emerged. This will be achieved by viewing approximately two films per week and discussing topics such as the portrayal of the people and the land that has shaped them, what sets Australian films apart from Hollywood productions and what directions seem to be emerging.

**Means for Evaluation:** Attendance at all film viewings and lectures will be required. Each student will prepare a short verbal report on an assigned theme which will give the basis for discussion. There will be a brief test after each film and the final will consist of a brief paper which should sum up the student's impressions of Australian film.

**Class Limit:** 20

**Class Meetings:** Monday, Wednesday 4-6:30, films Tuesday, Thursday 6-8:30

**First Session:** 4:00, Monday in Bush 108.

## E 280 VERSECRAFT

Pre-Req: Enjoyment of wordplay / Instructor: Prof. Alan Nordstrom / Office: OR 207

The study and practice of versemaking, mainly of traditional conventions employing meter, rhyme and formal pattern. A program to extend your appreciation of traditional poetic styles and techniques, while exercising your

own verbal skill and wit in the emulation of such notable models as sonnets by Shakespeare and Keats, couplets by Pope and Swift, blank verse by Milton and Wordsworth. An opportunity to discover the surprising and paradoxical liberation that form gives to the imagination. An invitation to cavort with the muse of your choice. Class style: workshop and discussion.

**Means for Evaluation:** Regular reading and writing assignments, emphasizing productivity: perspiration before inspiration. Evaluation based on diligence, application, creative energy, and good, improving writing.

**Class Limit:** 12

**Class Meetings:** Monday - Friday, 10-12

**First Session:** 10:00, Monday in OR 201.

## **E 281 THE LOST AMERICA: A VIEW OF POST WORLD WAR II AMERICAN POETRY**

Pre-Req: A course in American Lit. / Guest Instructor: Prof. Peter Balakian (COLGATE) / Office: KN 207

Focus is on the image of America as a civilization in decline -- a culture with a broken covenant. The following poets will be studied: Emily Dickinson (prologue), Robert Lowell, Allen Ginsberg, James Wright, Michael Harper.

**Means for Evaluation:** Several short papers and an examination.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 1-3:00 p.m.

**First Session:** 1:00 p.m., Monday in OR 206.

## **E 282 MODERN CATHOLIC LITERATURE**

Pre-Req: E 150 preferred, not required & Consent / Instructor: Prof. Roy Starling / Office: OR 211

We will read selected short stories and novels of some of the more prominent 20th century Catholic writers -- Flannery O'Connor, Graham Greene, and Walker Percy, for instance -- and work toward answering the following questions: How does a writer's faith affect his aim or purpose as a writer? Does his faith necessarily limit his audience? How does he avoid alienating his nonbelieving audience? Why does he so often offend even his "believing" audience? Why is he so often fascinated by the steady, squalid, evil side of life?

**Means for Evaluation:** Class participation, oral presentation, critical essay, quizzes, and two exams.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-12

**First Session:** 9:00, Monday in OR 205.



## E 283 THE COLLEGE NOVEL IN AMERICA

Pre-Req: None / Instructor: Prof. Philip Pastore / Office: OR 110

Examines the novel of academic life in America from a literary and historical perspective. We will limit ourselves to those novels which treat the college experience seriously, which are primarily concerned with students, professors, and administrators, and which have something to say about higher education in America. Since novels often reflect current attitudes we shall note possible changes in their treatment of such topics as academic freedom, class tolerance, racial discrimination, co-education, and the adequacy of the curriculum at different times. We shall also study the works as literary works, paying the usual attention to literary values as they appear (or do not appear) in each novel. We shall read representative novels from the 1920s, 30s, 40s - 50s, and 60s - 70s.

**Means for Evaluation:** Students' grades will depend primarily upon a paper which shall be presented to the instructor at the end of the term, an oral report of same which shall be presented to the class during the last week of the term, and class participation.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 10-12 for the first 3 weeks. The third week students will embark upon their papers. The fourth week will be devoted to conferences and a class meeting to offer "progress reports." The final 3 days will be devoted to oral reports.

**First Session:** 10:00, Monday in OR 106.

## E 306 SELECTED STUDIES IN AMERICAN LITERATURE: WALT WHITMAN

Pre-Req: None / Instructor: Prof. William White / Office: OR 112

A study of the poetry and prose of Walt Whitman, especially *Leaves of Grass*, with some attention to his life, 19th-century America, and his reputation. An introduction to research through using Whitman material in the Mills Memorial Library to help in the appreciation of the differing roles of criticism and scholarship in the intensive study of literature.

**Means for Evaluation:** Oral reports, short written assignments, and a final 10-page project involving some original material in the W.S. Kennedy Collection in the Library.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 1:00-3:00 p.m.; plus an hour each afternoon in the library.

**First Session:** 1:00 p.m., Monday OR 106.

## E 307 CHAUCER

Pre-Req: E 201 & Consent / Instructor: Prof. Gertrude White / Office: OR 112

The objective is to read one of the greatest English poets with understanding and pleasure. The focus will be on the *The Canterbury Tales*, but students may work independently on *Troilus and Criseyde* or one of the earlier long poems.

Works will be read in the original middle English, but emphasis will be literary rather than linguistic, with attention to important aspects of Chaucer's world.  
Lecture/Reading/Discussion.

**Means for Evaluation:** Short reading tests. Short papers on topics taken from the text or background. Reading of the text.

**Class Limit:** 15

**Class Meetings:** Monday - Thursday, 1:00-3:00 p.m.

**First Session:** 1:00-3:00 p.m. OR 105.

### **E 380 CHARLES DICKENS: A CRITICAL APPRAISAL**

Pre-Req: None / Instructor: Prof. Cary Ser / Office: OR 107

Charles Dickens has been the most popular English language novelist since his works first started appearing in 1833. In this course the students will attempt to analyze the popularity of the works and assess whether such popularity is still warranted. Besides several novels, the students will also read a biography and several critical works.

**Means for Evaluation:** Students will be graded on the basis of several brief papers (3 to 5 pp. each), oral presentations, and one final examination. In addition, preparation for class and attendance will be considered when determining the final grade for the course.

**Class Limit:** 10

**Class Meetings:** Monday, Wednesday and Friday, 9-12. Additional discussion sessions will be scheduled if and when needed (such decisions to be made by the class as a whole).

**First Session:** 9:00, Monday in OR 105

### **E 381 EMILY DICKINSON: THE POETRY OF CIRCUMFERENCE**

Pre-Req: Consent / Instructor: Prof. Barbara Carson / Office: OR 208

"My business," Emily Dickinson wrote, "is circumference." This was the goal of her poetry: the recognition of some ultimate truth, arrived at by indirection -- not by going to the center, but by skirting the edges until the shape is made clear. And how will we recognize when that shape has been defined? In Dickinson's words, "You'll know it as you know 'tis Noon -- By Glory." In this course, the student will have a chance to read all of Dickinson's poetry of slant and surprise. There will be student approaches to her poetry. A major portion of class time will be spent working together on explications of individual poems. Students will keep a journal and will work independently on a long, original critical paper, dealing with a recurrent theme or significant poetic technique in Dickinson's poetry.

**Means for Evaluation:** Oral reports, journal, critical paper, class participation.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-12

**First Session:** 9:00, Monday in OR 206



### E 383 CONTEMPORARY AMERICAN FEMINIST POETS

Pre-Req: None / Instructor: Prof. Rosemary Curb / Office: OR 108

Close study of selected poetry and some prose of three living American women whose primary genre is poetry and who have affiliated themselves with the feminist movement in the United States: Adrienne Rich, Audre Lorde, Robin Morgan. Since two poets are Jewish American and one Afro-American, the course will also consider the ways in which anti-Semitism and racism affect our lives and the intersections of ethnicity and art. Students will explicate assigned poems and report on prose readings. Consciousness raising on topics such as ethnicity, social and economic class, violence against women, anger, motherhood, and sexuality will focus the basic values orientation of the class.

An added feature: Adrienne Rich, the major poet studied, will attend the class on Monday of Week Two and give a public reading.

**Means of Evaluation:** Oral and written explication of assigned poems, critical review of a feminist poet not studied in class, reading journal and class discussion.

**Class Limit:** 12

**Class Meetings:** Monday - Thursday, 1-3:30

**First Session:** 1:00, Monday in Woolson House

### E 384 CREATIVE WRITING WORKSHOP: APPROACHES TO CREATIVE WRITING

Pre-Req: None / Instructor: Prof. Cindy Shearer / Office: ORL 109

Students learn to try several different kinds of creative writing: poetry, short fiction, playwriting. During class sessions students will have the opportunity to complete writing exercises or to participate in acting exercises, to discuss structures of poems, stories and plays, and to make presentations of their original work. In addition to class sessions, students will prepare for weekly conferences and will write on their own for at least three hours a day. Students will also visit the library to read some contemporary writers and will imitate some of these writers' work. Some questions students will consider: 1) What is a poem? a short story? a play?, 2) What's the purpose of writing exercises?, 3) What kind of work habits does a writer need?, 4) Why imitate somebody else's writing?, and 5) Why analyze and talk about another writer's work?

**Means of Evaluation:** Keep a journal of responses to class sessions and to the works of contemporary writers, complete writing exercises, keep a portfolio of writing exercises and original work, make presentations of original work, complete a final creative project and present it to the class, participate in all conference sessions.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-12:30. Some afternoon meetings will be scheduled.

**First Session:** 9:00, Monday OR 101

# ENVIRONMENTAL STUDIES

## ES 290 ALTERNATIVES TO CHEMICAL AGRICULTURE

Pre-Req: None / Instructor: Prof. Barry Allen / Office: Shell Museum

Explores the philosophical and technical underpinnings of ecologically sound agricultural practices. We will explore the development of agriculture as an arm of the chemical industry and explore practical alternatives. The class project will be the creation, by the students, of an organic garden on the Rollins campus.

**Means of Evaluation:** There will be one paper to relate the class project to the readings and one report on the project itself.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 9-9:50 a.m. class.

Monday, Wednesday, Friday - 10-12 lab.

**First Session:** 9:00 a.m., Monday in KN 101

## ES 391 PRINCIPLES AND PRACTICES OF URBAN PLANNING

Pre-Req: None / Instructor: Prof. Jim Sellen / Office: Shell Museum

A study of the practice of urban planning that will focus on how to develop and implement a comprehensive plan for a community. The course will examine planning principles related to: forecasting land use needs, environmental constraints on land use, location criteria for compatible land development, capital improvements programming and financing, the practice of zoning, sewer and water extension policies for plan implementation, and the organization and administration of a planning agency

**Means of Evaluation:** Mid-term and final examination, and term paper.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday 3:00-4:50

**First Session:** 3:00, Monday, OR 101

## PY/ES 383 ENVIRONMENT AND BEHAVIOR

Pre-Req: PY 101 / Instructor: Prof. Evan Zucker / Office: KN 212a

Following an overview of relevant theories and methodologies, students will explore the various ways in which the physical environment influences behavior and behavior patterns. The behavior of both humans and nonhumans will be examined, with an emphasis on the former. Learning how to perceive possible environmental effects will be emphasized. Included will be discussions and observations of the designs of educational, commercial, and residential facilities (both exteriors and interiors), locations of particular environmental components and their perceived and actual functions, pedestrian patterns and foraging patterns, and spatial density effects. The above will



be integrated into understanding how each factor contributes or detracts from social interaction, along with considerations as to how environments may be improved or redesigned to enhance the quantity and quality of such social interactions.

**Means of Evaluation:** Two tests based on readings (format: objective and short essay), two short (2-page) papers based on laboratory work (empirically-based), 1 final paper to be based on theory and conceptual learning. Participation in laboratory and classroom are also entered into the evaluation.

**Class Limit:** 12

**Class Meetings:** Monday - Friday 1-4

**First Session:** 1:00, Monday, KN 112

## **SC/ES 110 CHEMISTRY AND THE ENVIRONMENT (V)**

Pre-Req: None / Instructor: Prof. Brian Ramsey / Office B 310

A brief introduction to some of the concepts and methods of chemistry and their applications to the study of environmental problems such as industrial waste disposal, determination of toxicity and trade offs with ecological considerations. Decision making and value judgment in solutions of environmental problems will also be examined. The course is designed for *non-science majors* and no previous knowledge of chemistry on the part of the student is assumed.

**Means of Evaluation:** The course will be evaluated on the basis of two examinations (midterm and final); written reports and research papers (three).

**Class Limit:** 20

**Class Meetings:** Lectures: Tuesday - Friday, 8:30-10:30; Group discussion: Wednesday, 1-3:00. Third week: two three-hour laboratories on Tuesday - Thursday, 1-4:00.

**First Session:** 8:30, Tuesday in Bush 301

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**Notes and Addenda:**

## FOREIGN LANGUAGES

### FR 299 READING THE FRENCH PRESS

Pre-Req: FR 201 and consent / Instructor: Prof. Judy Fritz / Office: HK 209

A global approach to reading the French press. The course objectives are three-fold: 1) to introduce the students to the various forms of the press and to situate each according to political orientation and the public they address; 2) to appreciate current political, economic, social, and cultural trends in France as presented in the press; and 3) to provide students with a basic reading approach to the press which stresses apprehension of essential information without deciphering each word; appreciation for the organization and structure of an article and its modal and pragmatic aspects (point of view and intention of the writer). Such a technique enhances the students' ability to read more critically and write more coherently in a foreign language.

**Means of Evaluation:** Quizzes on reading assignments, oral resumés, creative rewriting of material read, a project related to the student's major or minor field as reported in the press.

**Class Limit:** 20

**Class Meetings:** Monday, Tuesday, Thursday, Friday - 1-3:30

**First Session:** 1:00 p.m., Monday in Hauck 100

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*In the event the trip to Martinique cannot be conducted, the following  
ALTERNATE COURSE  
will be taught.*

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### FR 195/495 THE FRENCH CINEMA

Pre-Req: None / Instructor: Prof. Richard Lima / Office: HK 208

The French cinema has been among the most varied, acclaimed and innovative in the world. This course is designed to allow students the opportunity of exploring these attributes through critical readings and film viewings. Students will read critical works on film figures such as Goddard and Truffaut and analyze the films viewed. A final paper encompassing the cinematographic techniques, production, direction, acting and innovation found in the films of these French filmmakers will be required. French majors who wish credit for the 300 or 400 level must write their papers in French. The films to be viewed will be dubbed or with subtitles so that students with no background in French can also participate.

**Means of Evaluation:** Students will be required to attend the screenings of each film and participate in classroom discussions. Discussions will be based not only on the films viewed, but likewise on the readings. Grades will be based on attendance, participation and the final paper (10-15 pages, in French or English). The final paper must be an analytical research paper that incorporates works which are not on the assigned reading list.



**Class Limit:** 20

**Class Meetings:** Twice a week, 2½-3 hours, depending on the length of the films.

**First Session:** 1:00 p.m., Monday, HK 102

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*In the event the trip to Munich and Vienna cannot be conducted, the following  
**ALTERNATE COURSE**  
will be taught.*

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### **GN 390 GERMAN NOVELLE**

**Pre-Req:** German Majors 201/202; None for others / **Instructor:** Prof. Peter Bonnell / **Office:** HK 206

In depth discussion and analysis of the genre of the German Novelle together with representative works from German literature of the 19th and 20th century. The course is geared to both German majors and those without a knowledge of German. The former will read the works in the original, the others in translation. However, German majors will have a reduced reading load.

**Means of Evaluation:** There will be regular homework assignments, both written and oral, weekly written reports and a final term paper. No final examination.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 1-2:00 p.m.

**First Session:** 1-2:00 p.m., HK 102

### **RN 299 PRAVDA IN TRANSLATION**

**Pre-Req:** RN 201 or above & consent / **Instructor:** Prof. Ed Danowitz / **Office:** HK 200

PRAVDA, as the official voice of the Central Committee of the Communist Party of the USSR with a daily circulation of more than 10 million, is the most important publication of the Soviet mass media. It sets national policy as well as providing links with the Communist parties of other nations. Among the features of the daily PRAVDA is a feature cartoon which portrays Soviet reaction to events in the West. This course will provide students the opportunity to complete the following objectives: 1) Improve language skills through translation of approximately 300 selected cartoons from the 1982 edition of PRAVDA; 2) Analyze the propaganda efforts of the Central Committee of the CPSU as an influence upon the culture of the Soviet people; 3) Learn to work in team translations, in organizing and carrying out group projects in the Russian language area; and 4) Publish the selected translations in a prescribed form.

**Means of Evaluation:** Evaluated on accuracy and proficiency in translations of cartoons assigned and competence displayed in working as a member of a translation/publication group.

**Class Limit:** 10

**Class Meetings:** Monday - Friday, 9-12:00

**First Session:** 9:00 a.m., Monday in Hauck 102

### SH 135/435 MASTERS OF CONTEMPORARY LATIN AMERICAN PROSE

Pre-Req: None for 135 credit; for 400-level credit native Spanish proficiency or consent of instructor / Instructor: Prof. Roy Kerr / Office: HK 204

Intensive study of representative works of the recognized masters of modern Latin American fiction: Carlos Fuentes, (Mexico), G. Garcia Marquez (Colombia), M. Vargas Llosa (Peru), Jorge Amado (Brazil), and J. Cortazar (Argentina). Taught in English. Suitable for non-majors. Spanish majors read the works in Spanish, others read in English translation.

**Means of Evaluation:** Quizzes before each reading assignment is discussed, oral presentation and final paper on a work read outside of class, final written examination.

**Class Limit:** 15

**Class Meetings:** Monday, Wednesday and Friday, 9-12:00

**First Session:** 9:00, Monday in Hauck 100

### SH 295 THE SPANISH PLAYERS

Pre-Req: SH 201 or proficiency in reading a play in Spanish, consent / Instructor: Prof. Ed Borsoi / Office: HK 202

This is one of an annual series of plays given in Spanish before an appropriate audience (Casa Iberia, local high school groups, college students, etc.). The course is a workshop consisting of rehearsals and preparations. Choice of the play depends on: 1) opportunity for student participation and 2) enrollment. Aesthetic/literary considerations are secondary, with the prime purpose being improvement of linguistic skills. Students should register only if they are absolutely certain of remaining enrolled, since the play selection will be based on the enrollment figures. *This course may be repeated for credit.*

**Means of Evaluation:** Evaluation based on instructor's assessment of cooperation, memorization of lines and overall performance.

**Class Limit:** 10

**Class Meetings:** Rehearsals daily (except Wednesday, unless needed), 9-12:00

**First Session:** 9:00, Monday in Hauck Auditorium



## SH 392 THE SPANISH BUSINESS WORLD

Pre-Req: SH 202 and consent / Instructor: Prof. F. Lopez-Criado /  
Office: HK 205

Practical introduction to the Hispanic business world. The course objectives are: a) to give students a functional competency in commercial terminology and procedures; and b) to achieve a general understanding of the social and cultural mechanisms that determine protocol, etiquette, and other canons of professional business behavior. Attempts will be made to provide students with a practical experience by working with local and international Hispanic industries on a "hands-on" basis. Also, lectures and meetings with Hispanic business leaders will be arranged.

**Means of Evaluation:** Vocabulary quizzes, 30% of final of grade; class attendance and participation, 30% of final grade; and directed individual research projects, 40% of final grade.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-12:00

**First Session:** 9:00, Monday in Hauck 101

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**Notes and Addenda:**

# HISTORY

## H 180 DARWIN AND DARWINISM

Pre-Req: None / Instructor: Prof. Barry Levis / Office: KN 106

The objective of this course is to explore the impact of a scientific idea on society. We will begin with an examination of the career and major writings of Charles Darwin, with particular attention to the development of his theory of evolution. We will then study the influence of his theory on religion, culture, and society in Europe and America in the nineteenth and twentieth centuries. Among other topics, we will discuss Social Darwinism, the impact of Darwinism on Christianity, and the development of racial theories. We will conclude with an examination of the Scopes Monkey trial.

**Means of Evaluation:** Class readings and participation in class discussions is required. Each student will prepare a paper on a specific aspect of Darwinism and its impact. There will be a final examination covering the course material.

**Class Limit:** 15

**Class Meetings:** Monday - Friday, 9-11:00

**First Session:** 9:00, Monday in Knowles 102

## H 380 THE NEWEST SOUTH

Pre-Req: Consent / Instructor: Prof. Gary Williams / Office: KN 107

The idea of a New South has been an historical perennial for at least a hundred years. In this course we will examine the newest of Souths, the South(s) of the post-World II years. Some have suggested that in a post-industrial era of "massification," the South has disappeared or is fast disappearing. According to this view, the very changes that make for a new South also make for no more South. Others contend that despite Southern convergence with Yankee ways, Southerners are still distinctive. We will thus consider the themes of continuity and change in the contemporary South. In so doing, we will emphasize social and cultural somewhat more than political topics. We will look, for instance, at such things as working class issues, regional consciousness, and popular images of the South, as well as at the very important civil rights revolution. Perhaps we will arrive at some tentative answers to the following: Is there still a South/Southerner? If so, where is it and how does she/he talk, think, and act these days? (Students must obtain **consent** for this course.)

**Means of Evaluation:** Course readings will include 5-6 books and perhaps 8-10 articles on reserve in the library. Each student will write 2 papers (total, about 15 pp.). Several brief quizzes will be given, and class participation will be evaluated too.

**Class Limit:** 20

**Class Meetings:** 3-4 times per week, 10-12:00. We will also have several (probably about four) informal but **required** evening sessions.

**First Session:** 10:00, Monday in Knowles 112



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*In the event the trip to China cannot be conducted, the following  
ALTERNATE COURSE will be taught.*

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## **H 260 HISTORY OF MODERN CHINA (C)**

Pre-Req: None / Instructor: Prof. Charles Edmondson / Office KN 109

The ultimate goal of this course is to facilitate the development of an informed perspective on contemporary China. This will be pursued by a rigorous examination of the following aspects of recent Chinese history: the emergence of Chinese nationalism; the quest for "modernization" and its cultural implications; the influence of Western ideologies; and China's search for stable relationships with the outside world. The pursuit of these themes will require intensive study of numerous specific historical developments. These will include: the emergence of Guomindong; the development of the Chinese Communist Party; Mao Ze Don's signification of Marxist-Leninist doctrine; the American involvement in China, 1937-1949; and domestic Chinese political and economic policies since 1949.

**Means of Evaluation:** Students will be evaluated chiefly on the basis of examinations and written reports of an analytical nature.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 9-11:00 a.m.

**First Session:** 9:00 a.m. in Knowles 102

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**Notes and Addenda:**

# MATHEMATICS

## M 110C APPLIED CALCULUS CONTINUED

Pre-Req: M110 & Consent / Instructor: Prof. Ralph Naleway / Office: BU 329

Intended for students of M110 who plan to take M112 in the spring. Topics: trigonometric functions, inverse functions, chain rule, derivatives of periodic functions, mean value theorem, applied max/min problems, differentials, implicit differentiation, motion, velocity and acceleration. **This course carries only 1/4 credit unit.**

**Means of Evaluation:** Four tests and daily homework assignments.

**Class Limit:** 30

**Class Meetings:** Monday, Wednesday, Friday - 1-2:00 p.m.

**First Session:** 1:00 p.m., Monday in Bush 328

## M 196 LINEAR PROGRAMMING

Pre-Req: None / Instructor: Prof. Ralph Naleway / Office: BU 329

An introductory course in the mathematical methods used in solving certain management problems. Considerable emphasis will be given to the simplex method for solving these problems. The basic transportation and assignment problems will be investigated as special cases. This is an applied mathematics course of interest to students of business, mathematics, and computer science. Computer demonstrations and computer learning modules will be available.

**Means of Evaluation:** Two tests, homework assignments and class participation will determine the student's grade.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 9-12:00

**First Session:** 9:00, Monday in Bush 325

## M 290 NUMBER SYSTEM CONSTRUCTIONS

Pre-Req: Consent of instructor / Instructor: Prof. Greg Force / Office: BU 329C

*"God created the natural numbers. All the rest is the work of man."* — Konecker

Most agree that the system of natural numbers (1, 2, 3, . . .) is fundamental. Less commonly appreciated is the sense in which this is true with regard to other number systems. Many types of these systems can be constructed from the system of operations and the tools of set theory.

We will construct several number systems in this course, from the familiar to the strange. Our methods will be abstract, but always logical and complete. The necessary topics in set theory will be introduced in class. This course should be accessible to those with an interest in mathematics who are willing to grapple with some abstract reasoning.



**Means of Evaluation:** Homework will be an integral part of the course. Two examinations will be given.

**Class Limit:** 12

**Class Meetings:** Monday - Friday, 9-11:00

**First Session:** 9:00, Monday in Bush 328

### **M 293 MATHEMATICS METHODS FOR THE SCIENCES**

Pre-Req: M 110 or M 111 and either one term of Chemistry or one term of Physics & Consent / Instructor: Prof. Raymond Roth / Office: B 329A

Intended to aid students in acquiring the basic concepts and skills necessary for the efficient use of mathematical knowledge in the sciences. It is expected that the student will be able to progress from a knowledge of mathematical science to an understanding of its function in the other sciences.

**Means of Evaluation:** 1) Regular assignments - to be done both inside the class (lab) and as outside preparation. (25%); 2) At least two tests during the term (25%); 3) Final examination (50%).

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 1-3:00 (partly as lab)

**First Session:** 1:00 p.m., Monday in BU 325

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**Notes and Addenda:**

# MUSIC

## MU 196 MUSIC FOR BEGINNERS OR

### "THEY LAUGHED WHEN I SAT DOWN TO PLAY..."

Pre-Req: No formal musical instruction and instructor's consent / Instructor: Profs. Bill Gallo and Sylvia Reynolds / Office: Keene 121

Often students with no musical background wish to experience music through playing. The Music Department is offering these students a chance to develop musical skills through piano, recorder and autoharp playing, as well as through music theory study. It is the goal of this course to develop musical skills sufficiently to complete **Music for the Classroom** (a group piano method book) and to play recorder in 3 keys within a 10-note range.

**Means of Evaluation:** Evaluation will be based upon: class involvement (attendance and participation), written tests on keyboard, recorder, autoharp and music theory, applied tests on playing skill, and reports on concert attendance.

**Class Limit:** 24

**Class Meetings:** Classes will meet three times per week and consist of one 30 minute theory lesson followed by one 50 minute keyboard lesson and one 50 minute lesson in recorder/autoharp. In addition, the student will have one hour of practice scheduled Monday through Friday.

**First Session:** 9:00 Monday in Keene 102

## M 290 THE OPERAS OF MOZART: DON GIOVANNI, THE MAGIC FLUTE, MARRIAGE OF FIGARO

Pre-Req: Consent / Instructor: Prof. Ross Rosazza / Office: Keene 103

A study of three major operatic works of Mozart: a tragi-comedy, a fantasy and a politically radical comedy. The objectives of the course are to make for a strong understanding of three of the great works of operatic literature.

**Cost of course:** Approx. \$25 for tests, libretti and ticket to performance.

**Means of Evaluation:** Homework assignments will include the study of the libretti, of the music of the particular operas, and of Mozart's oeuvre in general. At least one symphony will be analyzed. A research paper and attendance at the Orlando Opera Company production of *The Marriage of Figaro* are required.

**Class Limit:** 12

**Class Meetings:** Three 2 hour sessions per week

**First Session:** 10:00, Monday in Keene 102



# PHILOSOPHY AND RELIGION

## PH 115 PERSPECTIVES ON HUMAN NATURE

Pre-Req: None / Instructor: Prof. Timothy Bauer-Yocum / Office: FH 204

Intended primarily for freshmen and sophomores, this course provides a framework and a focus for creative personal involvement with the liberal arts curriculum. On the academic side, we will investigate several perspectives on human nature which have profoundly affected the way we think about the meaning, objectives, and limits of human motivation and aspiration. Among these are Plato, Christianity, Karl Marx, Sigmund Freud, Erich Fromm, B.F. Skinner, and Konrad Lorenz, representing the methods and aims of the various disciplines comprising liberal studies. On the personal side, we will all be encouraged to develop our own frameworks for identifying and confronting the forces shaping our lives. The ultimate objective will be to foster a lasting disposition to place the accumulation of facts and skills within the larger context of emotional, intellectual and spiritual growth.

**Means of Evaluation:** Aside from regular class attendance, the only course requirement will be a journal containing both theoretical and personal responses to the several perspectives on human nature. This journal will be checked at regular intervals, the objective being to develop each student's powers of analysis, evaluation and synthesis in the formulation of her or his own perspective. The final grade will be based on class participation and the completed journal.

**Class Limit:** 20

**Class Meetings:** Monday - Thursday, 1:00-3:00

**First Session:** 1:00 p.m., Monday, KMC 2

## PH 131 SELF-KNOWLEDGE AND SELF-DECEPTION

Pre-Req: None / Instructor: Prof. Tom Cook / Office: FH 205

We usually think that we know ourselves pretty well, and that any gaps in our self-knowledge can be filled by means of a little introspection. Thus, we are surprised when we are reminded that Socrates thought that the primary purpose of the study of philosophy was to gain knowledge of ourselves. Or we are taken aback when we suddenly (often regretfully) realize that we have managed to deceive ourselves quite badly with regard to our own characters, beliefs, emotions and motives. This course, offered at the introductory level, will examine the following questions: What is meant by the phrase "self-knowledge"? Why and how do we deceive ourselves about ourselves? More specifically, how is it possible for one to deceive oneself, since self-deception seems to require both, that one know that something is true and yet also believe that it is not true?

**Means of Evaluation:** The class will be lecture-discussion oriented, with readings taken from philosophers, psychologists and sociologists. Evaluation will be based upon class participation and a final paper.

**Class Limit:** 20

**Class Meetings:** Monday, Wednesday, Friday - 10-12:00

**First Session:** 10:00, Monday, KMC 1

## **PH 281 PHILOSOPHICAL IMPLICATIONS OF PARAPSYCHOLOGY**

**Pre-Req:** None / **Instructor:** Prof. Hoyt Edge / **Office:** FH 203

For a number of people the data of parapsychology have been offered as proof of personal survival after death, of the inadequacy of materialism, and of the need to reconceptualize our scientific understanding of the world. Other people have proposed that anyone making paranormal claims are either deluded, or sloppy in their experimentation, or simply engaged in fraud. We will examine all of these claims by considering a number of experiments in parapsychology, judging their adequacy, and most importantly, discussing their possible philosophical implications.

**Means of Evaluation:** Grades will be based on position papers, class participation, a term paper, and perhaps participation in a small experiment.

**Class Limit:** 20

**Class Meetings:** Monday, Wednesday, Friday, 10-11:00

**First Session:** 10:00, Monday in French House Lounge

## **PH 393 INTERMEDIATE LOGIC (Q)**

**Pre-Req:** PH 123 or M 111 / **Instructor:** Prof. Bruce Wavell / **Office:** FH 103

This is a course in symbolic logic that, like PH 123, develops the subject from the beginning but employs the new "deductive tree" approach which avoids duplicating the material in the introductory course, enables one to move faster, and so to go farther in the subject. The course begins with sentential logic, continues with the lower predicate calculus and ends with Church's and Godel's theorems on decidability and completeness.

**Means of Evaluation:** Three examinations

**Class Limit:** 18

**Class Meetings:** Monday - Thursday, 9-12:00

**First Session:** 9:00, Monday in FH 103

## **PH-B 245 BIOETHICS: MAKING, SAVING, AND TAKING LIFE (V)**

**Pre-Req:** None / **Instructor:** Profs Persis Coleman & Sara Ketchum / **Office:** BU 213 & FH 313

The center of discussion will be the ethics and biology of life-and-death problems raised by our present technical abilities in altering the natural composition of human populations. The instructors will present working



paradigms in ethics and biology and the students will be responsible for integrating the material. Students successfully completing this course will know principles and particulars of genetics; basic relevant principles, arguments and considerations in ethics; and also have the skills to integrate these disciplines, to evaluate and make decisions. In addition they will be aware of our current and possible future practices in altering the course of human life.

**Means of Evaluation:** Performance on quizzes and final and participation in group paper, presentations, and case studies.

**Class Limit:** 20

**Class Meetings:** Monday - Friday, 10-12:00 and group meetings as arranged.

**First Session:** 10:00, Monday in BU 207

## **R 195 READINGS IN WESTERN RELIGION**

Pre-Req: None / Instructor: Prof. Theodore Darrah / Office: FH 204

Readings of some of the classical statements that have come out of the religions of the West. The aim of the course is to acquaint students with some religious literature of the Western culture.

**Means of Evaluation:** Two written reports and one report on a selected book.

**Class Limit:** 10

**Class Meetings:** Two hours per day, four days per week.

**First Session:** 10:00, Tuesday, KMC 2

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**Notes and Addenda:**

# PHYSICS

## P 193 TOPICS IN ASTRONOMY

Pre-Req: None / Instructor: Prof. John Ross / Office BU 115

The objective of this course is to acquaint the student with a basic background in astronomy so that in the future he or she can read or talk about the field in a knowledgeable manner. Topics will include: recent discoveries about the solar system, structure and evolution of stars, pulsars, quasars, black holes, galaxies and modern cosmological theories about the expanding universe. The first week of the course will be devoted to readings and discussions about the fundamental characteristics of stars. During each of the remaining three weeks the student will select a specific topic, research appropriate background material and then make an oral presentation to the class.

**Means For Evaluation:** Three class presentations.

**Class Limit:** 12

**Class Meetings:** Monday-Friday, 9-12 for the first week. Presentations will be arranged on Thursday or Friday during the last three weeks. Individual conferences required each week.

**First Session:** 9:00, Monday in BU 107

## P 248 DIGITAL ELECTRONICS AND MICROCOMPUTERS (N)

Pre-Req.: Instructor's Consent / Instructor: Prof. Robert Carson / Office: BU 124

Participant should have had a course in BASIC programming or equivalent experience. A prior course in introductory physics would be useful, but is not required.

The hardware of new electronic products (including microcomputers) consists of tiny integrated circuit chips whose study encompasses what is termed digital electronics. We shall concentrate on the 7400 series of chips: their fabrication, logic design, and specific uses in microcomputer circuits. There is a **strong** laboratory component of the course: studying the input-output characteristics of selected chips, building more complicated circuits with these chips such as counters and decoders, learning certain aspects of 8080A machine language used by the MMD-1 microcomputer, and controlling assembled circuits with microcomputer instructions (software). Our objectives are to introduce you to this fascinating world of digital electronics by creating circuits, pointing out various applications, familiarizing you with particular microcomputers, and setting up a background for future work in the area of computer. There will be opportunities for projects such as speech and music synthesis, simple animation, simulations, color graphics, and the like using the Apple Microcomputer.

**Means For Evaluation:** Final grade will be based on (1) answering questions (both verbally and written) from the texts and instructor, (2) several quizzes, (3) successful building of circuits designated by the



instructor, and (4) a project which applies some of the material covered in the course.

**Class Limit:** 12

**Class Meetings:** Lecture-discussion sessions will meet Monday, Wednesday and Friday two hours each day; lab sessions will usually occur daily depending on the individual's progress. A significant portion of the course will be spent in the laboratory.

**First Session:** 9:30, Monday in Bush 105

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**Notes and Addenda:**

# POLITICAL SCIENCE

## PO 180 THE EAST EUROPEAN NATIONS - THE PIVOT OF POWER

Pre-Req: None / Guest Instructor: Prof. Vassily Efimov / Office: Language Lab

A critical study of the role of the East European nations with emphasis on the historical, political, geographic, economic and cultural factors influencing the national character of each. Particular attention shall be directed to the role that each nation has assumed individually, and as a member of the East European Bloc, as a pivotal point of power in East-West relations in the Post World War II period. The personal experiences of the instructor during residence and travel through these countries provides first hand observation and expertise valuable to the study.

**Means For Evaluation:** Participation in discussion of reading materials assigned, research paper in the area of the student's major and final examination.

**Class Limit :** 25

**Class Meetings:** Monday-Friday, 6-8:30 p.m.

**First Session:** 6:00 p.m., Monday, HK 101

## PO 280 SPIES AND SABOTEURS: THE POLITICAL COVERT ACTIVITIES OF NATIONS

Pre-Req: None / Instructor: Prof. Luis Valdes / Office: KN 110

A cross-cultural exploratory analysis of a seldom-studied subject whose importance has always been suspected but rarely analyzed. The course will present (a) an historical overview of the origins and development of espionage; (b) an objective and normative analysis of the philosophy of espionage; and (c) description of various intelligence agencies such as the CIA, FBI, KGB, Gestapo, and their personnel; particular attention will be paid to the role of women in this activity.

**Means For Evaluation:** First part of the course will consist of class discussions of the assigned readings. These will include academic studies, biographies, and novels. The second part will be devoted to an oral presentation of individual reports dealing with some aspect of intelligence-gathering activities. Written assignments will consist of book critiques, abstracts, outlines, and a final research paper. The instructor will participate in all class discussions, supply a supplementary research bibliography, and will be available for help in designing and carrying out individual projects. No less than one major examination will be given during the course.

**Class Limit:** 15

**Class Meetings:** First two weeks - Tuesday and Thursday from 1:00-3:00 p.m. Third Week - Monday — Thursday from 1:00-2:00 p.m. Part or all



of the final week's meeting may be cancelled, time allowing, to provide time for the preparation of the final projects.

**First Session:** 1:00, Tuesday in Knowles 113.

### **PO 293 POLITICS FOR THE MILLENIUM: 2000 A.D.**

**Pre-Req:** None / **Instructor:** Prof. Norman Gilbert / **Office:** KN 105

An examination of the socio-political implications of awareness movements (awareness movements used here to describe any organization seeking societal change based on moral, religious, or quality of life precepts) for American politics in the twenty-first century. Special emphasis will be placed on a study of the growth and proliferation of selected religious, mystic, and quality of life organizations in an effort to determine some of the underlying reasons for the birth of such movements and the potential impact that these may have on the restructuring of American political institutions.

**Means For Evaluation:** Determined by the student's active participation in all class projects including an in-class presentation (to be scheduled during final ten days) of his/her research project. The final grade will be determined by a research paper on some aspect of the subject matter determined in conjunction with the instructor.

**Class Limit:** 20

**Class Meetings:** Monday-Friday, 9:30-11:30. Individual student conferences will be set up each week for tutorial help and assistance with the research project.

**First Session:** 9:30, Monday in Knowles 112.

### **PO 383 THE ARAB NATIONS: POLITICAL CONFLICT, SOCIAL CHANGE**

**Pre-Req:** None / **Guest Instructor:** Prof. William Spencer / **Office:** KN 108

Intensive course on conflict among the Islamic Arab nations of the Middle East, including North Africa. These nations are of recent establishment (post-World War II); therefore their political conflicts arise out of earlier social rivalries and are built on Arab/Islamic structural roots. The course begins with an analysis of the Middle Eastern environment as conducive to conflict and the sociopolitical structure of Islam, the ingathered "Community of True Believers". An understanding of Arab culture is central to understanding of Arab/Islamic conflict; therefore the historical experience of the Arabs will be carefully analyzed.

**Means For Evaluation:** 1) Graded case study of one inter-Arab political conflict, with oral and written presentations by students working in small groups; 2) reading report on two books or book-length monographs from an approved reading list. Examples of possible case studies: The Western Sahara, Civil Conflict in the Lebanon, Libya's Export of Revolutionary Islam, Palestinians as a Factor in Arab Political Instability, Intra-Arab Labor Migration and Sociopolitical Change. Case studies will be developed under the close supervision of the instructor, with wide reading required on the topic.

**Class Limit:** 20

**Class Meetings:** Monday -Thursday,1-3:00. Individual conferences, Monday and Wednesday afternoons, group conferences on Thursday afternoons, Fridays for library research.

**First Session:** 1:00, Monday, KN 101

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**Notes and Addenda:**



# PSYCHOLOGY

## **PY 190 STRESS MANAGEMENT**

Pre-Req: None / Instructor: Prof. Martin Farkash / Office: KN 202

How often have you been told, "It's only your nerves, you've just got to learn to relax." Each of us experience varying degrees of stress throughout our lives, yet most of us have never learned to cope with the pressures of everyday life. Dealing with stress effectively is not a passive activity, but one which requires knowledge, skill and practice.

**Means For Evaluation:** Written reports.

**Class Limit:** 15

**Class Meetings:** Four days per week, four hours per day.

**First Session:** 9:00, Monday, PAB 6

## **PY 380 PSYCHOPHYSIOLOGICAL EFFECTS OF COMPUTER VIDEO GAMES & OTHER INFORMATION PROCESSING**

Pre-Req: None / Instructor: Prof. Roger Ray / Office: KN 212B

A laboratory course where research teams will be established to compare the psychological and physiological effects of applying computer video games to other forms of information processing and problem solving. Literature on artificial intelligence information theory and the psychology of problem solving will be surveyed to support this laboratory work.

**Means For Evaluation:** Research papers and participation.

**Class Limit:** 15

**Class Meetings:** Arranged - 5 days per week, six hours per day

**First Session:** 9:00, Monday, KN 212B

## **PY 381 PRECISE BEHAVIOR MANAGEMENT: APPLICATIONS TO WEIGHT CONTROL**

Pre-Req: PY 101 & Consent / Instructor: Prof. Maria Ruiz / Office: KN 212A

The outpour of books, magazines, booklets and even scientific articles dealing with weight control and physical fitness in recent years suggests that Americans are becoming conscious and active in the pursuit of healthy bodies and healthy minds. We will survey both popular and psychological literatures in this area, and develop individualized programs based on the principles of Precise Behavior Management. Individualized programs will be designed to develop skills in the application of behavioral techniques such as self-management, contingency contracting and cognitive behavior modification while incorporating a holistic approach to nutrition and exercise.

**Means For Evaluation:** Written reports, program development and classroom presentations.

**Class Limit:** 10

**Class Meetings:** Tuesday and Thursday, 1-3 p.m.; plus individual weekly conferences.

**First Session:** 1:00 p.m., Tuesday, KN 207

### **PY 382 ADVANCED DEVELOPMENTAL PSYCHOLOGY**

**Pre-Req:** Consent only. / **Instructor:** Prof. Martin Farkash / **Office:** KN 202

Students spend 9 hours weekly in direct contact with young children learning how to program for their individual needs. Emphasis is also placed on modeling feelings and introducing stress management techniques.

**Means For Evaluation:** Student's performance in Child Development Center, homework assignments and written reports.

**Class Limit:** 4

**Class Meetings:** Monday-Friday, 3 hours per day. Individual meetings with Instructor and Child Development Lab teacher on Thursday and Friday.

**First Session:** 1:00 p.m., Monday, PAB 6

### **PY-ES 383 ENVIRONMENT AND BEHAVIOR**

**Pre-Req:** PY 101 / **Instructor:** Prof. Evan Zucker / **Office:** KN 212A

Following an overview of relevant theories and methodologies, students will explore the various ways in which the physical environment influences behavior and behavior patterns. The behavior of both humans and nonhumans will be examined, with an emphasis on the former. Learning how to perceive possible environmental effects will be emphasized. Included will be discussions and observations of the designs of educational, commercial, and residential facilities (both exteriors and interiors), locations of particular environmental components and their perceived and actual functions, pedestrian patterns and foraging patterns, and spatial density effects. The above will be integrated into understanding how each factor contributes or detracts from social interaction, along with considerations as to how environments may be improved or redesigned to enhance the quantity and quality of such social interactions.

**Means For Evaluation:** Two tests based on readings (format: objective and short essay); two short (2-page) papers based on laboratory work (empirically-based); one final paper based on theory and conceptual learning; participation in laboratory and classroom are also entered into the evaluation.

**Class Limit:** 12

**Class Meetings:** Monday-Friday, 1-4

**First Session:** 1:00 p.m., KN 112



# SCIENCE

## SC-ES 110 CHEMISTRY AND THE ENVIRONMENT (V)

Pre-Req: None / Instructor: Prof. Brian Ramsey / Office: BU 310

A brief introduction to some of the concepts and methods of chemistry and their applications to the study of environmental problems such as industrial waste disposal, determination of toxicity and trade offs with ecological considerations. Decision making and value judgment in solutions of environmental problems will also be examined. The course is designed for **non-science majors** and no previous knowledge of chemistry on the part of the student is assumed.

**Means For Evaluation:** The course will be evaluated on the basis of two examinations (mid-term and final); written reports and three research papers.

**CLASS LIMIT:** 20

**CLASS MEETINGS:** Lectures: Tuesday-Friday, 8:30-10:30; Group discussion: Wednesday, 1-3, Third week: two three-hour laboratories on Tuesday-Thursday, 1-4.

**FIRST SESSION:** 8:30, Tuesday, January 4, 1983 in Bush 301

## SC 270 WEATHER AND CLIMATE

Pre-Req: None / Instructor: Prof. Ed Scheer / Office: BU 230

Covers the description, causes, prediction, geographic distribution and effects of weather and climate. Special emphasis will be given to the Pleistocene ice age and the interactions between man and climatological changes including desertification, the greenhouse effect and possible future climates.

**Means For Evaluation:** Exams 80% of grade (4 at 20% each), class report 10%, class participation, 10%.

**Class Limit:** 20

**Class Meetings:** Monday-Thursday, 9:30-11:30 a.m.

**First Session:** 9:30, Monday in Bush 234

# THEATER ARTS AND SPEECH

## SP 190 THE NEWS IN PRINT AND BROADCAST

Pre-Req: None / Guest Instructor: Prof. Robert Blackmore (Colgate) / Office: PAB

A close study of the news of the day, both print and broadcast; how it is collected, edited, disseminated; the legal and ethical background; an analysis of how Americans get the information that influences their opinions. **Not** a how-to-do-it course in journalism, but a study of today's news reporting processes.

**Means For Evaluation:** A paragraph each day and a term paper. The papers, together with class discussion, a midterm and a final examination, are the factors in the evaluation.

**Class Limit:** 20

**Class Meetings:** Monday-Friday, 1:30-3:30. One of these days for conferences.

**First Session:** 1:30, Monday, CR 117

## SP 294 HUMAN COMMUNICATION

Pre-Req: Consent / Instructor: Prof. Jere Veilleux / Office: ART 107

Intensive analysis of the dynamics of communication between men and women in work and personal relationships. Objectives: 1) Better understanding of the problems and potentials in male-female relationships; 2) better understanding of the sex differences in human communication; and 3) better understanding of the role that gender plays in the modern world.

**Means For Evaluation:** Major research project and/or paper: written or oral presentation; active class participation and attendance; weekly dyadic conferences; and involvement in group exercises and presentations.

**Class Limit:** 20

**Class Meetings:** Monday-Friday, 1-3

**First Session:** 1:00, Monday in CR 318

## TA 159/359 THEATER PRACTICE

Pre-Req: Consent / Instructor: Prof. Tony Mendez / Office: ART Shop

A practicum designed to serve the specialized needs of students of theater. The course will involve morning class discussions of the historical development of the various elements of production, to include scenic design and construction, costuming, lighting, etc., and their relative contribution to the collaborative art of theater. Practical application of theory and principal will occur during afternoon and evening laboratory periods with direct participation in preparation and mounting of the winter term production.



**Means For Evaluation:** Work will be evaluated by using a structured form reviewed by the theater staff each week. The last week of the term involves in-depth evaluation including conferences with each student.

**Class Limit:** 25

**Class Meetings:** Monday-Friday, 10-12, 2-4, 7-10

**First Session:** 10:00, Monday, in ART Shop

## **TA 275 BASIC TECHNIQUES OF TAP AND CHARACTER DANCE FOR MUSIC THEATER**

**Pre-Req:** None / **Instructor:** Prof. Paula Gale / **Office:** ART 105

An understanding of the techniques of tap/character dance. A study of how tap/character dance evolved as an American dance form and its application to American musical theater. Each class will begin with a dance warm-up designed to encourage strength, flexibility and coordination, followed by various dance combinations and sequences (some from original shows). The basic elements of rhythmic phrasing will be studied.

**Means For Evaluation:** At the conclusion of the course, each student must demonstrate a proficiency in the basic techniques of tap/character dance for the musical theater, in the form of an open classroom presentation, which shall be adjudicated by faculty and peers.

**Class Limit:** 15

**Class Meetings:** One hour - four times a week.

**First Session:** TBA in Fred Stone Theater

## **TA 292 INTERMEDIATE BALLET AND CHOREOGRAPHY**

**Pre-Req:** 2 terms of ballet with instructor or consent. / **Instructor:** Prof. Ruth Mesavage / **Office:** HK 209

Designed for intermediate students who have successfully completed Ballet 265 or its equivalent, and who wish not only to consolidate their technical abilities, but also to learn the rudiments of choreography. Appropriate discipline, attitude, and attire are required and absences are not permitted. Successful pieces of choreography will be performed during the Ballet evenings of Thursday, February 17 and Friday, February 18, 1983. All students are expected to participate in both the technique and choreography classes, as well as learn other essentials of performance such as costuming and theatrical make-up. Students are expected to spend all their academic time in perfecting their technique and creating dances. Those who anticipate full-time employment or who lack the discipline of independent study need not register for this course.

**Means For Evaluation:** Evaluated daily in class as to their preparation, attitude, and general presentation. Aptitude for choreography will be judged by the successful completion of assignments. There will be a final written and performance examination. The two Ballet evenings will count toward participation.

**Class Limit:** 15

**Class Meetings:** Monday, Wednesday, Friday - 2:30-6:30, Tuesday and Thursday, 2:30-7:30

**First Session:** 2:30, Monday in Fred Stone Theatre

### **TA 293 HISTORY OF THE AMERICAN MUSICAL THEATER**

**Pre-Req:** TA 100 & Consent / **Instructor:** Prof. Charles Rodgers / **Office:** ART 103

America's unique, original contribution to the world of theater is the musical comedy or drama. This course will trace the history and development of this art form from the turn of the 20th century to the present. Various trends, productions and personalities will be studied and discussed.

**Means For Evaluation:** Students will be expected to write two research papers using primary sources. In addition there will be several oral reports, weekly tests, a mid-term and a final examination.

**Class Limit:** 25

**Class Meetings:** Monday, Tuesday, Thursday, and Friday, 10-12

**First Session:** 10:00, Monday in Crummer 117

### **TA 385 AN INTRODUCTION TO PROFESSIONAL THEATER**

**Pre-Req:** Acting I, TA 232-233 / **Instructor:** Prof. Robert Juergens - Prof. Joseph Nassif / **Office:** ART 104 & 106

Career aspects for the actor: acting for the camera, videotaping of performances, make-up for the camera; acting in commercials; audition preparation and comportment, preparation for auditions before local theater directors; interviews with theatrical agents. Preparation of audition materials: pictures, resumes, brochures. The market: employment opportunities, statistics on actor employment, salaries, contracts, logical contacts in employment centers (NY & LA).

**Means For Evaluation:** Audition preparation and performance, tests on reading assignments.

**Class Limit:** 12

**Class Meetings:** Monday-Friday, 10-12

**First Session:** 10:00, Monday in Annie Russell Theatre



## INTERDISCIPLINARY COURSE

### IC 102 PSYCHOLOGY OF COMPETITION

Pre-Req: Previous or current involvement in a competitive activity. This course does **not** count as an elective in Psychology. / Instructor: Prof. Gordie Howell / Office: EAFH

Directed at assisting student athletes to attain a higher level of self direction and self motivation in their chosen area of sports competition. The course will present a realistic view of some of the behavior and other obstacles that prevent success, and aid athletes to view athletic competition in a reasonable and proper perspective.

**Means For Evaluation:** Each student will prepare a plan of action for dealing with the stresses of competition to include: daily worksheets of activities, personal motivational test results and problem solving with peer and instructor evaluation. Satisfactory completion of written assignments is expected.

**Class Limit:** 30

**Class Meetings:** Monday-Thursday, 10-12:00 noon

**First Session:** 10:00, Monday in Field House Classroom

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Notes and Addenda:









*founded 1885*  
Winter Park, Florida